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		1		PATENT I	DOCUMENTS					
*EXAMINER INITIAL		DOCUMENT NUMBER	DATE		NAME	CLA	SS	SUBCLASS		DATE OPRIATE
iA=	АА	3,742,253	06/26/73	Kronies		307		247		
A	ΑВ	4,831,520	05/16/89	Rubinfeld	et al.	364		200		
A	AC	5,313,590	05/17/94	Taylor		395		325		
Æ	AD	5,687,325	11/11/97	Chang		395		284		
A	AE 6,038,630 03/14/00			Foster et a	վ	710		132		
A	AF 6,067,649 05/23/00			Goodwin		714		718		
A	AG 6,487,556 B1 11/26/02			Downs et	al.	707		101		
A	AH 6,904,556 B2 06/07/05			Walton et	al.	714		766		
A	AI 6,947,672 B2 09/20/05			Jiang et al		398				
#	AJ	2004/0128449 A1	07/01/04	Osborne e	t al.	711		137		
A	AK	2005/0166006 A1	07/28/05	Talbot et a	al.	711		105		
·			FOREI	GN PATEN	T DOCUMENTS					
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U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE

. INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)

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Joseph M. Jeddeloh and Ralph James

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*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
*	AA	5,251,303	10/05/93	Fogg, Jr. et al.	395	275	
#	AB	5,432,907	07/11/95	Picazo, Jr. et al.	395	200	
*	AC	5,442,770	08/15/95	Barratt	395	403	
4	AD	5,497,476	03/05/96	Oldfield et al.	395	439	•
A	AE	5,659,798	08/19/97	Blumrich et al.	395	846	
#	AF	5,818,844	10/06/98	Singh et al.	370	463	
K	AG	5,875,352	02/23/99	Gentry et al.	395	843	
#	АН	6,061,263	05/09/00	Boaz et al.	365	51	
. A	AI	6,067,262	05/23/00	Irrinki et al.	365	201	
1/F	AJ	6,073,190	06/06/00	Rooney	710	56	
K	AK	6,105,075	08/15/00	Ghaffari .	710	5	
A	AL	6,137,709	10/24/00	Boaz et al.	365	51	
K	AM	6,144,587	11/07/00	Yoshida	365	189.05	
K	AN	6,167,465	12/26/00	Parvin et al.	710	22	
H	AO	6,167,486	12/26/00	Lee et al.	711	120	
A	AP	6,201,724 B1	03/13/01	Ishizaki et al.	365	49	
A	AQ	6,233,376 B1	05/15/01	Updegrove	385	14	
A	AR	6,243,769 B1	06/05/01	Rooney	710	.56	
A	AS	6,246,618 B1	06/12/01	Yamamoto et al.	365	200	
A	AT	6,272,609 B1	08/07/01	Jeddeloh	711	169	
4	AU	6,285,349 B1	09/04/01	Smith	345	147	
#	AV	6,301,637 B1	10/09/01	Krull et al.	. 711	112	
H	AW	6,327,642 B1	12/04/01	Lee et al.	711	120	
*	AX	6,330,205 B2	12/11/01	Shimizu et al.	365	230.06	
H	AY		02/12/02	Motomura	365	189.05	
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Joseph M. Jeddeloh and Ralph James

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*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATI
H	ΑZ	6,349,363 B2	02/19/02	Cai et al.	711	129	
A=	ВА	6,356,573 B1	03/12/02	Jonsson et al.	372	46	
H	вв	6,367,074 B1	04/02/02	Bates et al.	717	11	
A	вс	6,373,777 B1	04/16/02	Suzuki	365	230.03	
A	BD	6,381,190 B1	04/30/02	Shinkai	365	230.03	
#	ВЕ	6,421,744 B1	07/16/02	Morrison et al.	710	22	
it	BF	6,434,639 B1	08/13/02	Haghighi	710	39	
H _	ВG	6,462,978 B2	10/08/02	Shibata et al.	365	63	
H	вн	6,463,059 B1	10/08/02	Movshovich et al.	370	389	
H	ві	6,470,422 B2	10/22/02	Cai et al.	711	129	
#	ВЈ	6,473,828 B1	10/29/02	Matsui	711	104	
A	вк	6,477,592 B1	11/05/02	Chen et al.	710	52	
H	BL	6,477,614 B1	11/05/02	Leddige et al.	711	5	
A	вм	6,477,621 B1	11/05/02	Lee et al.	711	120	
H	BN	6,496,909 B1	12/17/02	Schimmel	711	163	
H	во	6,505,287 B2	01/07/03	Uematsu	711	170	
#	ВР	6,523,092 B1	02/18/03	Fanning	711	134	
#	BQ	6,523,093 B1	02/18/03	Bogin et al.	711	137	
A	BR	6,539,490 B1	03/25/03	Forbes et al.	713	401	
H	BS	6,552,564 B1	04/22/03	Forbes et al.	326	30	
H	вт	6,587,912 B2	07/01/03	Leddige et al.	711	5	
K	BU	6,590,816 B2	07/08/03	Perner	365	200	
K	в٧	6,594,713 B1	07/15/03	Fuoco et al.	710	31	
Æ	вw	6,622,227 B2	09/16/03	Zumkehr et al.	711	167	

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Sheet 3 of 3ATTY. DOCKET NO. APPLICATION NO. U.S. DEPARTMENT OF COMMERCE FORM PTO-1449 PATENT AND TRADEMARK OFFICE (REV.7-80) 33801/US Not Yet Assigned APPLICANT(S) INFORMATION DISCLOSURE STATEMENT Joseph M. Jeddeloh and Ralph James (Use several sheets if necessary) FILING DATE GROUP ART UNIT Not Yet Assigned Concurrently herewith U.S. PATENT DOCUMENTS CLASS SUBCLASS *EXAMINER DOCUMENT NUMBER DATE NAME FILING DATE INITIAL IF APPROPRIATE 711 10/07/03 Jenne et al. 105 6,631,440 B2 08/15/02 Halbert et al. 711 115 2002/0112119 A1 BY 2002/0144064 A1 10/03/02 711 144 Fanning ΒZ 711 118 01/02/03 Coulson et al. 2003/0005223 A1 CA 359 109 2003/0043426 A1 03/06/03 Baker et al. CB 12/11/03 Jeddeloh 711 213 2003/0229770 A1 **FOREIGN PATENT DOCUMENTS** COUNTRY CLASS **SUBCLASS** TRANSLATION DOCUMENT NUMBER DATE NO CD CE CF OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.) Intel, "Intel 840 Chipset: 82840 Memory Controller Hub (MCH)", Datasheet, October 1999, pp. 1-178. CG Micron Technology, Inc., "Synchronous DRAM Module 512MB/1GB (x72, ECC) 168-PIN Registered FBGA SDRAM DIMM", Micron Technology, Inc., 2002, pp. 1-23. CI CJ CK CL

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H	AA	4,608,702	08/26/86	Hirzel et a	ıl	375		110		
A	AB	4,891,808	01/02/90	Williams		370		112		
A -	AC	5,748,616	05/05/98	Riley		370		-242		
H	AD	6,208,180 B1	03/27/01	Fisch et al		327		141		
Æ	ΑE	6,889,304 B2	05/03/05	Perego et	al.	711		170		
A	AF	6,910,109 B2	06/21/05	Holman e	t al.	711		156		
A.	AG	2003/0217223 A1	11/20/03	Nino, Jr. 6	et al.	711	•	105		
A	ΑН	2003/0227798 A1	12/11/03	Pax		365		189.12		
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APPLICATION NO. 10/809,839

APPLICANT(S)

Joseph M. Jeddeloh and Ralph James

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GROUP ART UNIT 2186

U.S. PATENT DOCUMENTS

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INITIAL	80	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
W	АА	4,240,143	12/16/80	Besemer et al.	364 .	200	
AF	AB	4,245,306	01/13/81	Besemer et al.	364	200	
HF_	AC	4,253,144	02/24/81	Bellamy et al.	364	200	
H	AD	4,253,146	02/24/81	Bellamy et al.	364	200	
IF	AE	4,707,823	11/17/87	Holdren et al.	370	1	
H	AF	4,724,520	02/09/88	Athanas et al.	364	200	
H	AG	4,930,128	05/29/90	Suzuki et al.	371	12	
A	АН	5,241,506	08/31/93	Motegi et al.	365	210	
A	AI	5,243,703	09/07/93	Farmwald et al.	395	325	
A	AJ	5,269,022	12/07/93	Shinjo et al.	395	700	
A	AK	5,317,752	05/31/94	Jewett et al.	395	750	
A	AL	5,319,755	06/07/94	Farmwald et al.	395	325	
A	AM	5,355,391	10/11/94	Horowitz et al.	375	36	
PA .	AN	5,432,823	07/11/95	Gasbarro et al.	375	356	
A	AO	5,461,627	10/24/95	Rypinski	370	95.2	
À	AP	5,465,229	11/07/95	Bechtolsheim et al.	345	477	
A	AQ	5,502,621	03/26/96	Schumacher et al.	361	760	
AF	AR	5,566,325	10/15/96	Bruce, II et al.	395	494	
PF	AS	5,577,220	11/19/96	Combs et al.	395	416	
X	AT	5,581,767	12/03/96	Katsuki et al.	395	800	
K	AU	5,606,717	02/25/97	Farmwald et al.	395	856	
A	ΑV	5,638,334	06/10/97	Farmwald et al.	365	230.03	
A.	AW	5,715,456	02/03/98	Bennett et al.	395	652	
H.	AX	5,819,304	10/06/98	Nilsen et al.	711	5	
A-	AY	5,832,250	11/03/98	Whittaker	395	471	

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APPLICANT(S)

Joseph M. Jeddeloh and Ralph James

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A	ΑZ	5,928,343	07/27/99	Farmwald et al.	710	104	
A	ВА	5,966,724	10/12/99	Ryan	711	105	
H	вв	5,973,935 ⁻	10/26/99	Schoenfeld et al.	361	813	<u> </u>
M	вс	5,973,951	10/26/99	Bechtolsheim et al.	365	52	
AF	BD	5,978,567	11/02/99	Rebane et al.	395	200.49	
W.	BE	6,023,726	02/08/00	Saksena	709	219	
A	BF	6,029,250	02/22/00	Keeth	713	400	
K	ВG	6,061,296	05/09/00	Ternullo, Jr. et al.	365	233	
K	вн	6,076,139	06/13/00	Welker et al.	711	104	
A	BI	6,098,158	08/01/00	Lay et al.	711	162	
A	BJ	6,125,431	09/26/00	Kobayashi	711	154	-
H	вк	6,134,624	10/17/00	Burns et al.	710	131	1
K	BL	6,175,571 B1	01/16/01	Haddock et al.	370	423	
H	ВМ	6,185,352 B1	02/06/01	Hurley	385	114	
A	BN	6,191,663 B1	02/20/01	Hannah	333	17.3	
K	во	6,247,107 B1	06/12/01	Christie	711	216	
¥.	ВР	6,249,802 B1	06/19/01	Richardson et al.	709	200	
Æ	BQ	6,294,937 B1	09/25/01	Crafts et al.	327	158	·
A	BR	6,370,068 B2	04/09/02	Rhee	365	196	
W.	BS	6,401,213 B1	06/04/02	Jeddeloh	713	401	
K	вт	6,405,280 B1	06/11/02	Ryan	711	105	
R	BU	6,430,696 B1	08/06/02	Keeth	713	503	·
K	вv	6,434,696 B1	08/13/02	Kang	713	2	
A	вw	6,434,736 B1	08/13/02	Schaecher et al.	716	17	
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APPLICATION NO. 10/809,839

INFORMATION DISCLOSURE STATEMENT

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APPLICANT(S)

Joseph M. Jeddeloh and Ralph James

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H	вх	6,438,622 B1	08/20/02	Haghighi et al.	710	1	
#	BY	6,449,308 B1	09/10/02	Knight, Jr. et al.	375	212	
AF.	BZ	6,453,393 B1	09/17/02	Holman et al.	711	154	
JA.	CA	6,479,322 B2	11/12/02	Kawata et al.	438	109	
Æ	СВ	6,490,188 B2	12/03/02	Nuxoll et al.	365	63	
A	сс	6,501,471 B1	12/31/02	Venkataraman et al.	345	424	
#	CD	6,594,722 B1	07/15/03	Willke, II et al.	710	313	·
VF.	CE	6,598,154 B1	07/22/03	Vaid et al.	712	237	
H	CF	6,615,325 B2	09/02/03	Mailloux et al.	711	154	
#	CG	6,628,294 B1	09/30/03	Sadowsky et al.	345	568	
AF.	СН	6,629,220 B1	09/30/03	Dyer .	711	158	ri
¥.	CI	6,646,929 B1	11/11/03	Moss et al.	365	194	
#	CJ	6,658,509 B1	12/02/03	Bonella et al.	710	100	
H	СК	6,662,304 B2	12/09/03	Keeth et al.	713	400	<u> </u>
A	CL	6,667,895 B2	12/23/03	Jang et al.	365	63	
#	СМ	6,697,926 B2	02/24/04	Johnson et al.	711	167	
H	CN	6,718,440 B2	04/06/04	Maiyuran et al.	711	137	
\$ F	со	6,721,195 B2	04/13/04	Brunelle et al.	365	63	
A=	СР	6,724,685 B2	04/20/04	Braun et al.	365	233	
H	CQ	6,728,800 B1	04/27/04	Lee et al.	710	54	
H	CR	6,735,679 B1	05/11/04	Herbst et al.	711	167	
#	cs	6,735,682 B2	05/11/04	Segelken et al.	711	220	
Æ	СТ	6,745,275 B2	06/01/04	Chang	710	305	
H	CU	6,751,703 B2	06/15/04	Chilton	711	113	
#	CV	6,754,812 B1	06/22/04	Abdallah et al.	712	234	

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Sheet 4 of 5 ATTY, DOCKET NO. APPLICATION NO. U.S. DEPARTMENT OF COMMERCE FORM PTO-1449 PATENT AND TRADEMARK OFFICE (REV.7-80) 33801/US 10/809,839 APPLICANT(S) INFORMATION DISCLOSURE STATEMENT Joseph M. Jeddeloh and Ralph James (Use several sheets if necessary) FILING DATE GROUP ART UNIT FEB 2 2 2005 2186 March 24, 2004 U.S. PATENT DOCUMENTS EXAMPLE CLASS SUBCLASS FILING DATE DOCUMENT NUMBER DATE NAME INITIAL IF APPROPRIATE 257 06/29/04 673 6,756,661 B2 Tsuneda et al. CW 07/06/04 712 34 6,760,833 B1 **Dowling** СX 08/03/04 Shukuri et al. 365 185.05 6,771,538 B2 CY Venkatraman 711 137 6,775,747 B2 08/10/04 CZ 6,789,173 B1 09/07/04 Tanaka et al. 711 147 DA 09/14/04 Yuan et al. 375 354 6,792,059 B2 DB 710 306 6,792,496 B2 09/14/04 Aboulenein et al. DC 711 137 6,795,899 B2 09/21/04 Dodd et al. DD 711 117 09/28/04 Wise et al. DE 6,799,246 B1 09/28/04 Boggs et al. 712 228 6,799,268 B1 DF 170 711 6,804,760 B2 10/12/04 Wiliams DG LaBerge et al. 711 170 6,804,764 B2 10/12/04 DH 2 6,807,630 B2 10/19/04 Lay et al. 713 DI 711 151 11/09/04 Huffman DJ 6,816,947 B1 711 169 6,820,181 B2 11/16/04 Jeddeloh et al. DK 296 375 6,823,023 B1 11/23/04 Hannah DL 2 713 11/08/01 Lee 2001/0039612 A1 DM 08/22/02 Beckert et al. 711 2002/0116588 A1 DN 345 545 DO 2003/0043158 A1 03/06/03 Wasserman et al. 711 154 05/15/03 Richard et al. 2003/0093630 A1 DP 711 146 2003/0163649 A1 08/28/03 Kapur et al. DQ 711 158 09/18/03 2003/0177320 A1 Sah et al. DR 10/16/03 370 351 2003/0193927 A1 Hronik DS 200 2004/0022094 A1 02/05/04 Radhakrishnan et al. 365 DT

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K	DW	WO 02/27499 A2	04/04/02	PCT						
H	DX	EP0849685A2	06/24/98	EP			·			
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. H	EA	Intel, "Flash Memo September, 1997, p		In Card	for Embedded System	ns", Ap	plication	on Note	AP-75	8,
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K	ЕВ	Shanley, T. et al., "	PCI System A	Architec	ture", I hird Edition,	Miliasii	are, m	c., 1995	, pp. 2	4-25.
K	EB	Shanley, T. et al., "I	PCI System A	Architec	cture", I hird Edition,	·		c., 1995 	, pp. 2	4-23.
W.		Shanley, T. et al., "I	PCI System 2	Architec	cture", Third Edition,	·		c., 1995 	, pp. 2	4-23.
**	EC	Shanley, T. et al., "I	PCI System A	Architec	ture", I hird Edition,	·		c., 1995 	, pp. 2	4-23.
*	EC ED	Shanley, T. et al., "I	PCI System A	Architec	cture", Third Edition,	·		c., 1995	, pp. 2	
**	EC ED EE	Shanley, T. et al., "I	PCI System 2	Architec	cture", I hird Edition,	Iviliusii	are, in	c., 1995	, pp. 2	
	EC ED EE	Shanley, T. et al., "I	PCI System A	Architec	cture", Third Edition,	·	are, in	c., 1995	, pp. 2	
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W.	AA	5,327,553	07/05/94	Jewett et a	al.	395		575		
.A	AB	5,706,224	01/06/98	Srinivasar	n et al.	365		49		
.H	AC	6,131,149	10/10/00	Lu et al.		711		167		
Æ	ΑĎ	6,219,725 B1	04/17/01	Diehl et a	<u>l</u>	710		26		
.A=	ΑE	6,286,083 B1	09/04/01	Chin et al	•	711		151		
H	AF	6,493,803 B1	12/10/02	Pham et a	1.	711		147		
·#	AG	6,564,329 B1	05/13/03	Cheung et	t al.	713		322		
A	АH	6,665,202 B2	12/16/03	Lindahl e	t al.	365		49		
W	Al	2004/0044833 A1	03/04/04	Ryan		711	\	5		
A	AJ	2005/0044327 A1	02/24/05	Howard e	t al.	711		147		
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W.	AA	6,845,409 B1	01/18/05	Talagala e	t al.	710		20		
MF.	AB	2003/0149809 A1	08/07/03	Jensen et	al.	710		22		
· A	AC	2004/0236885 A1	11/25/04	Fredriksso	on et al.	710		100		
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HE	AA	4,953,930	09/04/90	Ramsey e	t al.	350		96.11		
K	AB	5,987,196	11/16/99	Noble		385		14		
16	AC	6,031,241	02/29/00	Silfvast et	al.	250		504 R		
W.	AD	6,715,018 B2	03/30/04	Farnworth	n et al.	710		300		
A	AE	6,811,320 B1	11/02/04	Abbott		385		58		
A	AF	6,821,029 B1	11/23/04	Grung et a	al.	385		92		
F	AG	2004/0126115 A1	07/01/04	Levy et al		398		116		
A	АН	2004/0144994 A1	07/29/04	Lee et al.		257		200		
J.	Al	·2005/0071542 A1	03/31/05	Weber et	al.	711		105		
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U.S. DEPARTMENT OF COMMERCE

ATTY, DOCKET NO. 33801/US

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INFORMATION DISCLOSURE STATEMENT

APPLICANT(S)

Joseph M. Jeddeloh and Ralph James

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A-	AA	4,045,781	08/30/77	Levy et al.	364	200		
A	AB	5,479,370	12/26/95	Furuyama et al.	365	189.12		
A	AC	5,729,709	03/17/98	Harness	395	405		
<i>A</i>	AD	5,875,454	02/23/99	Craft et al.	711	113		
#	AE	6,186,400 B1	02/13/01	Dvorkis et al.	235	462.45		
A	AF	6,243,831 B1	06/05/01	Mustafa et al.	714	24		
M	AG	6,256,692 B1	07/03/01	Yoda et al.	710	104		
R	АН	6,438,668 B1	08/20/02	Esfahani et al.	711	165		
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